



## Precision Cleaning of Diesel Engine Crankshafts

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High-flow, high-impact, precision-aimed spray jets for maximum cleaning performance.



# Precision Cleaning of Diesel Engine Crankshafts

## MODEL # ICW 48×12-W-R-BO-SS

### Scope

Customer .....	Heavy-duty truck and engine OEM
Workpiece .....	45" long crankshafts
Application .....	Removing polishing compound prior to assembly
Production .....	1 part every 6 minutes
Cleanliness .....	Particle size: from 5 $\mu$ m, maximum of 20 000 particles/ml
Dryness .....	100% dry

### Features

### Benefits

Oscillating part carrier .....	Further improves the cleaning results of the crankshaft exterior.
360° clamping spray manifolds .....	Ensure power flushing of internal cavities and all crankshaft oil holes for precise cleaning.
Large spraying capacity .....	Create turbulence on the part surface to dig out particles and achieve high cleanliness level.
Single-point load/unload station .....	Ideally suited for operation in a typical lean manufacturing cell.
Flexible part fixturing system.....	Allows rapid and easy fixture replacement to adapt to production changes.
PLC with operator interface touchscreen display .....	Controls the system. Status, faults and diagnostics are readily displayed for the operator.



**Impressive and repeatable cleanliness level is achieved with this cleaning system, exceeding customer cleanliness requirements.**

